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Europäisches Patentamt

European Patent Office

Office européen des brevets



11

Publication number:

0 624 353 A3

12

EUROPEAN PATENT APPLICATION

21

Application number:

94106862.9

51

Int. Cl.<sup>8</sup>:

A61C 7/12

22

Date of filing:

02.05.94

30

Priority:

13.05.93 US 61215

43

Date of publication of application:

17.11.94 Bulletin 94/46

64

Designated Contracting States:

DE FR GB IT

68

Date of deferred publication of the search report:

26.04.95 Bulletin 95/17

71

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Ceramic orthodontic bracket with archwire slot liner.

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An orthodontic bracket (120) includes a ceramic body (122) having an elongated channel, and a metallic archwire slot liner (126) that is received in the channel. The liner is affixed to the ceramic body by a brazing process using a brazing material such as platinum, silver, an active metal or a mixture of molybdenum and manganese. Alternatively, the liner is formed in situ in the bracket body.

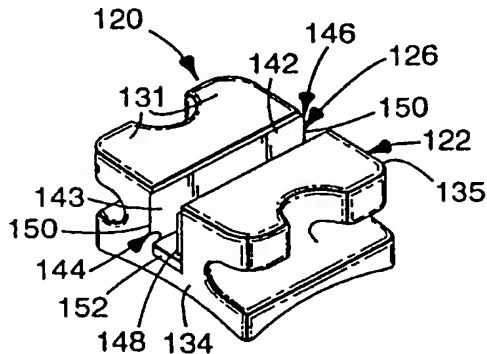


Fig. 3

EP 0 624 353 A3



European Patent  
Office

EUROPEAN SEARCH REPORT

Application Number  
EP 94 10 6862

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.5)
D,A	US-A-4 302 532 (WALLSHEIN) * the whole document * ---	1	A61C7/12
P,A	EP-A-0 577 398 (JOHNSON & JOHNSON) * column 4, line 12 - line 24; figure 1 * -----	1-4,7,10	
			TECHNICAL FIELDS SEARCHED (Int.Cl.5)
			A61C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 24 February 1995	Examiner Vanrunxt, J
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

EPO FORM 1503 (12.92) (P4/CN)